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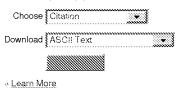
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Parallelizing I/O-intensive image access and processingapplications

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Abstract

This article presents methods and tools for building parallel applications based on commodity components: PCs, SCSI Windows NT. Chief among these tools is CAP, our computer-aided parallelization tool. CAP generates highly pipelined communication and I/O operations in parallel with processing operations. One of CAP's successes is the Visible Humar tomographic image server that allows clients to choose and view any cross section of the human body

Index Terms

inspec

Controlled Indexing

image processing multimedia servers parallel programming software tools

Non-controlled Indexing

3D tomographic image server CAP I/O-intensive image access. Visible Human Slice Server computer ai parallelization tool, human body, parallel applications, pipelined applications.

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DOE Thesaurus Terms

Not Available

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